Vienna Instruments
Epic Orchestra

**Appassionata Strings
Woodwinds
Oboe d'amore
Cornet
Trumpet ensemble (6)
Horn ensemble (8)
Timpani
Percussion**

Contents

Introduction

Welcome to the Vienna Symphonic Library, and thank you for purchasing one of our Vienna Instruments! This document contains the mapping information for the Vienna Instruments Epic Orchestra. You will find in it a mapping list which gives details for every Patch, Matrix, and Preset.

Patch information

The Patch information includes articulation type, playing range, number of samples used, RAM requirements, the number of velocity layers and alternations, etc., as well as Patch specific information if necessary.

The velocity layer switches generally are the same for patches with the same number of layers but may occasionally be adapted to the instrument's requirements. The Patch information also lists the velocity layers in detail.

Matrix/Preset information

Each Matrix listing contains information regarding the Patches used for the Matrix, the number of horizontal and vertical dimensions, and switching properties. A mapping table shows the Cell positions for each of the Matrix' Patches.

The Presets for this Collection each contain the corresponding Matrix – i.e., the Appassionata Preset consists only of the Appassionata Matrix, etc.

Pitch

For designating pitch, the Vienna Symphonic Library uses International Pitch Notation (IPN), which was agreed upon internationally under the auspices of the Acoustical Society of America. In this system the international standard of A=440 Hz is called A4 and middle C is C4. All pitches are written as capital letters, their respective octave being indicated by a number next to it. The lowest C on the piano is C1 (the A below that is A0), etc.

You can tune your Vienna Instruments to other players, or adjust it to tunings of earlier musical periods by setting the Perform page's Master Tune option within a range of 420 to 460 Hz.

Epic Orchestra

Patches

01 Strings

Appassionata Strings mapping: Basses: B0–F2, Cellos: C2–F3, Violas: C3–F4, Violins: C4–A7 (D#7)

01 App-Strings_staccato	Range: B0–D#7	Samples: 288	RAM: 18 MB

Staccato
3 velocity layers: 0–55 p; 56–108 mf; 109–127 f
2 Alternations

02 App-Strings_sus	Range: B0–A7	Samples: 545	RAM: 34 MB

Sustained
4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f
Release samples
2 Alternations

02 App-Strings_sus_fA	Range: B0–A7	Samples: 350	RAM: 21 MB

Sustained, fast attack
4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f
Release samples

03 App-Strings_sfz	Range: B0–A7	Samples: 184	RAM: 11 MB

Sforzato
2 velocity layers: 0–88 sfz; 89–127 sffz
2 Alternations

04 App-Strings_tremolo	Range: B0–G7	Samples: 200	RAM: 12 MB

Tremolo, sustained
2 velocity layers: 0–88 p; 89–127 f
Release samples

05 App-Strings_pizz	Range: B0–D#7	Samples: 480	RAM: 30 MB

Pizzicato, 5 repetitions
2 velocity layers: 0–88 p; 89–127 f

02 Brass and Woodwinds

Woodwinds mapping: Contrabassoon: A#0–F2, Bassoons: A#1–F3, Clarinets: C3–C5, Flutes: F4–C7, Piccolo: A6–C8

11 Woodwinds_ staccato	**Range: A#0–C8**	**Samples: 662**	**RAM: 41 MB**

Staccato
3 velocity layers: 0–55 p; 56–108 mf; 109–127 f
2 Alternations

12 Woodwinds_ sus	**Range: A#0–C#8**	**Samples: 501**	**RAM: 31 MB**

Sustained
3 velocity layers: 0–55 p; 56–108 mf; 109–127 f
Release samples

15 Oboe d'amore staccato	**Range: G3–E6**	**Samples: 264**	**RAM: 16 MB**

Staccato
4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f
2 Alternations

16 Oboe d'amore sus	**Range: G3–E6**	**Samples: 230**	**RAM: 14 MB**

Sustained, with vibrato
4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f
Release samples

17 Oboe d'amore perf-legato	**Range: G3–D6**	**Samples: 822**	**RAM: 51 MB**

Interval performances
Legato
2 velocity layers: 0–88 p; 89–127 f
Release samples

21 Cornet staccato	**Range: E3–D6**	**Samples: 264**	**RAM: 16 MB**

Staccato
4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f
2 Alternations

22 Cornet sus	**Range: E3–D6**	**Samples: 231**	**RAM: 14 MB**

Sustained, with vibrato
4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f
Release samples

23 Cornet perf-legato	**Range: E3–D6**	**Samples: 875**	**RAM: 54 MB**

Interval performances: Legato, with vibrato
2 velocity layers: 0–88 p; 89–127 f
Release samples

24 Cornet perf-portamento	**Range: E3–D6**	**Samples: 487**	**RAM: 30 MB**

Interval performances: Portamento
2 velocity layers: 0–88 p; 89–127 f
Release samples

31 Trumpets (6) staccato   Range: F#3–C6 Samples: 173 RAM: 10 MB

Staccato
3 velocity layers: 0–55 p; 56–108 mf; 109–127 f
2 Alternations

32 Trumpets (6) sus   Range: F#3–C6 Samples: 203 RAM: 12 MB

Sustained
5 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–118 f; 119–127 ff
Release samples
2 Alternations

41 Horns (8) staccato   Range: A#1–E5 Samples: 120 RAM: 7 MB

Staccato
4 velocity layers: 0–55 p; 56–88 mf; 89–108 f; 109–127 ff
2 Alternations

42 Horns (8) sus   Range: A#1–D5 Samples: 152 RAM: 9 MB

Sustained
4 velocity layers: 0–55 pp; 56–88 mp; 89–108 mf; 109–127 f
Release samples

03 Percussion

51 Timpani Single-Hits   Range: A#1–C4   Samples: 800   RAM: 50 MB

Timpani: Single hits
8 velocity layers: 0–15 ppp; 16–35 pp; 36–55 p; 56–70 mp; 71–88 mf; 89–108 f; 109–118 ff; 119–127 fff
4 Alternations

52 Timpani Rolls   Range: A#1–C4   Samples: 300   RAM: 18 MB

Timpani: Rolls
6 velocity layers: 0–35 pp; 36–55 p; 56–70 mp; 71–88 mf; 89–108 f; 109–127 ff
Release samples

55 Percussion   Range: C5–C8   Samples: 274   RAM: 17 MB

Percussion: Bass drum, snare drum, piatti, tambouring, triangle, tam-tam, high cymbals
Up to 12 velocity layers
Release samples

Mapping:
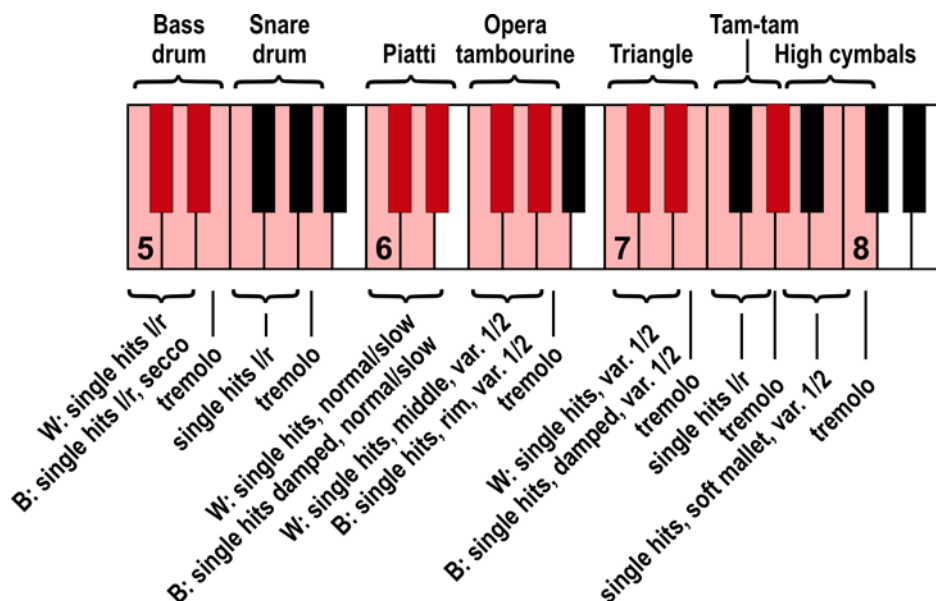C5–E5: Bass drum
F5, G5, A5: Snare drum
C6–D#6: Piatti
F6–A6: Tambourine
C7–E7: Triangle
F7, G7, G#7: Tam-tam
A7, B7, C8: High cymbal

Matrices and Presets

The Epic Orchestra Presets are not listed separately because each Preset only contains the corresponding Matrix of the same name, i.e., the Appassionata Strings Preset consists of the Appassionata Strings Matrix, etc. Consequently, there are no Preset keyswitches either.

01 App-Strings - Matrix   Samples: 1697   RAM: 106 MB

Appassionata Strings
Staccato, sustained normal and with fast attack, sforzato, tremolo, pizzicato

	G7	G#7	A7	A#7	B7	C8
V1	staccato	sustained	sustained, fast attack	sforzato	tremolo	pizzicato

02 Woodwinds - Matrix   Samples: 1163   RAM: 72 MB

Woodwinds
Staccato and sustained

	A0	B0
V1	staccato	sustained

03 Oboe d'amore - Matrix   Samples: 1218   RAM: 76 MB

Oboe d'amore
Staccato, sustained, legato

	C1	D1	E1
V1	staccato	sustained	legato

04 Cornet - Matrix   Samples: 1659   RAM: 103 MB

Cornet
Staccato, sustained, legato, and portamento

	C1	D1	E1	F1
V1	staccato	sustained	legato	portamento

05 Trumpets (6) - Matrix   Samples: 376   RAM: 23 MB

Trumpet ensemble, 6 players
Staccato and sustained

	C1	D1
V1	staccato	sustained

06 Horns (8) - Matrix   Samples: 272   RAM: 17 MB

Horn ensemble, 8 players
Staccato and sustained

	C1	D1
V1	staccato	sustained

07 Timpani - Matrix   Samples: 1100   RAM: 68 MB

Timpani
Single hits, rolls

	A0	B0
V1	single hits	rolls

08 Percussion - Matrix   Samples: 274   RAM: 17 MB

55 Percussion patch